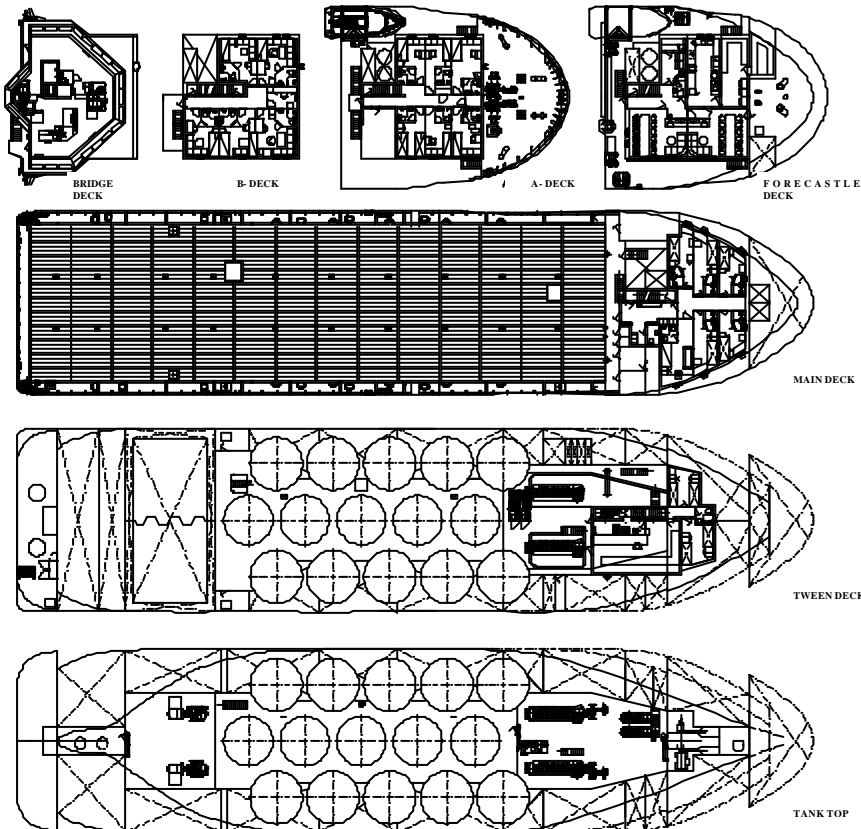




Fi-Fi I-DP 1 multipurpose supply vessel
for deep water operations
ANTENOR / ASTERIE
3,227 t deadweight



These Rolls Royce Marine UT 755 L design vessel satisfies the general requirements of the deep water offshore industry.

They are fitted with a dynamic positioning « class I » & Fi-Fi I capabilities.

Besides normal supply service between shore base and offshore installations, these vessels are also designed to transport methanol (optional), and for ROV operations.

15-06-2005



Fi-Fi I-DP 1 multipurpose supply vessel for deep water operations

ANTENOR / ASTERIE

5,460 bhp

MAIN CHARACTERISTICS

Length overall:72.00 m.
Length between pp:66.80 m.
Breadth moulded:16.00 m.
Depth main deck midship:7.00 m.
Max. draft midship:5.90 m.
Design draft:5.00 m.
Design draft:5.00 m.

REGISTRATION

Type:Multipurpose DP1 supply vessel ULSTEIN design UT 755 L.
Owner:Bourbon Surf.
Year built:2003.
Builder:AKER BRATTVAAG (Norway).
Flag:French, Marine Marchande, SOLAS, IMO A 469.
Classification: ...DET NORSKE VERITAS.
+1A1 Fi-Fi I SF DYNPOS-AUT EO dk(+) hl(2,5).

PERFORMANCE

Consumption:

20 m3/day at 14 knots (maxi speed).
16 m3 day at 12 knots (cruising speed).
9 m3/day at 10 knots (economic speed).

ACCOMMODATION

- Fully air-conditioned.
- 10 x single cabins,
- 3 x 4 men cabins,
- 5 x 2 men cabins,
- 1 hospital,
- 2 mess rooms.

PROPULSION - MACHINERY

MACHINERY

- **Main diesel engines:** 2x 2730 Hp at 825 rpm, 2 PTO.
- **Reduction:** 2 gear boxes, 825/215 rpm, 2 PTO.
- **Auxiliary generators:** 2x 250 kW at 1800 rpm MDO 450 V, 60 Hz.
- **Emergency generator:** 1x 62 kW at 1800 rpm MDO 450 V, 60 Hz.
- **Shaft generators:** 2x 1800 kVA at 1800 rpm.

THRUSTERS

- **Main propellers:** 2x with CPP
- **Tunnel thruster forward:** 1x 590 kW electric driven (800 HP).
- **Tunnel thruster stern:** 1x 590 kW electric driven (800 HP).
- **Azimuth thruster forward:** 1x 590 kW electric driven (800 HP).
- **Rudders:** 2 independent rudders with flap.

DECK EQUIPMENT

- **Tugger winches:** 2x 10 t.
- **Capstans:** 2x 8 t.
- **Deck crane:** 1x 3 t. at 16 m / hydraulic.
- **Life boat:** 1x MOB boat with davit.
- **Fire fighting system, Fi-Fi I:**
 - 2 pumps 1,600 m3/h each,
 - 2 monitors 1,200 m3/h each.
- **Windlass:** 1.

CAPACITIES & PUMPS

Deadweight:3,227 t
Cargo deck area (5t/m2) :688 m2 (51.00 x 13.50 m) deck cargo 1,600 t.
Fuel oil:1,200 m3Pump 1x 200 m3/h at 9 bars.
Water Ballast/ Drill water:1,250 m3Pump 1x 150 m3/h at 9 bars.
Fresh water:590 m3Pump 1x 200 m3/h at 9 bars.
Liquid mud (dens.2.5):1,200 m3Pumps 2x 100 m3/h at 18 bars.
Brine:1,000 m3Pump 1x 75 m3/h at 18 bars.
Base oil:200 m3Pump 1x 90 m3/h at 9 bars.
Bulk (5 silos):318 m3 Compressors 2x 22.7 m3/min at 5.6 bars.
Foam:28 m3.
Dispersant:14 m3.
Methanol: (optional).....200 m3Pumps- 2x 75 m3/h at 9 bars.

ELECTRONICS

- 1 joystick system for DP1 system,
- 2 radars,
- 1 gyrocompass with repeaters,
- 1 echo sounder,
- 1 speed log,
- 1 autopilot with forward thrusters control,
- 1 GPS,
- 1 radio system compliant with GMDSS A3 rules,
- 1 Inmarsat B providing phone, fax, E-mail and DGPS corrections,
- 1 weather fax.

DYNAMIC POSITIONING SYSTEM

- 1 DP system compliant with IMO and DNV rules for class 1 comprising:
 - 1 computer, printer,
 - 1 operator panel,
 - 2 wind sensors,
 - 1 additional gyrocompass,
 - 1 motion reference sensor,
 - 1 UPS,
 - 1 DGPS,
 - 1 FANBEAM,
 - 1 moon-pool d=500 mm for later installation of a HiPaP.

CONTROL & SAFETY

- Main levers control: propellers, thrusters, rudders on fore and aft consoles in wheelhouse.
- Vessel control system UMAS V with management of:
 - bulk handling system,
 - generator sets and circuit breakers,
 - safety and alarm system.
- Tanktender system: control and monitoring of valves and pumps.
- Datasound: measurement of tank level.

(All particulars believed to be correct but not guaranteed).

Bourbon Offshore

148, rue Sainte - 13007 Marseille - France

Phone +33 (0)4 91 13 08 00 - Fax +33 (0)4 91 13 08 61

www.bourbon-online.com - E-mail: bourbon-offshore@bourbon-online.com